

sheets. Subject to the Examiner's approval, such changes will be incorporated into formal drawings.

**IN THE SPECIFICATION:**

Please amend the specification as follows:

Page 6, line 24, change "222" to --202--.

Page 7, line 12, delete "or external";

line 13, delete transmitter 221 and change "it" to --internal receiver 212--; and

line 20, change "are" to --is--.

Page 9, lines 3, 6, 10 and 16 change "radius" to --radial--.

Page 11, lines 14 and 22, change "iremitted" to --irradiated--.

Page 12, line 3, change "iremitted" to --irradiated--.

Page 23, line 16, change "generatedd" to --generated--; and

line 20, change "incidenting" to --receiving--.

Page 24, line 7, change "incidenting" to --falling--.

Page 26, line 22, change "FIG. 8 shows" to --FIGS. 8A and 8B are-- and after "diagrams" insert --, respectively,--.

Page 30, line 7, change "41" to --41A--;

line 9, after "invention" insert -FIG 41B illustrates the positioning of the sensor unit of the detecting device shown in FIG. 41A--.

Page 34, line 6, change "receiver" to --transmitter--;

lines 17 and 20, change "incidents" to --falls--;

Page 38, line 18, change "incidents" to --falls--.

Page 41, lines 22 and 24, change "incidents" to --falls--.

Page 43, line 7, change "incidents" to --falls--.

Page 44, line 16, change "laser" to --lasers--.

Page 45, line 20, change "continuing" to --continue--.

Page 46, line 17, change "31" to --91--; and

line 19, change "32" to --92--.

Page 48, lines 8 and 11, change "incidenting" to --receiving--; and

line 16, delete "trade off".

Page 49, line 11, change "FIG.8" to --FIGS. 8A and 8B--;

line 20, change "8" to --8A--;

line 21, change "75b" to --74b--; and

line 24, change "75b" to --74b--.

Page 50, line 17, change the first occurrence of "FIG. 8" to --FIGS. 8A and 8B-- and change the second occurrence of "FIG. 8" to --FIG. 9--.

Page 51, line 20, change "FIG. 8" to --FIG. 9--; and

line 24, change "and 8" to --8A and 8B--.

Page 52, line 12, change "FIG. 8" to --FIGS. 8A and 8B--.

Page 53, line 20, change "transmitters" to --transmitter-- and change "21" to --receiver 12--.

Page 54, line 15, change "and" to --through--.

Page 55, line 1, change "and 116c" to --through 116z-- and "around" to --near--;

line 2, change "and 115c" to --through 115z, respectively--; and

line 7, before "CPU" insert --An input to-- and change "inputs" to --is--.

Page 58, line 8, change "to" to --on--; and

line 11, change "48" to --50--.

Page 60, line 17, change "incident" to --fall--;

line 23, change "82, 83" to --182, 183--;

line 25, delete "are pulled"; and

line 26, change "out" to --extend--.

Page 64, line 25, change "to" to --in--.

Page 65, line 13, change "2" to --142--;

line 15, change "1" to --141--; and

line 25, change "radius" to --radial--.

Page 66, lines 3, 4, and 19 change "radius" to --radial--;

lines 6 and 11, change "radius" to --radial bone--;

line 15, change "radius 22" to --radial bone 162--;

line 24, change "buttons 145" to --button 149--; and

line 25, change "1" to --141--.

Page 67, lines 4 and 10, change "radius" to --radial--.

Page 68, lines 2, 6 and 20, change "radius" to --radial--.

Page 69, line 17, change "radius" to --radial--.

Page 70, line 11, change "1" to --141--; and

line 18, change "radius" to --radial--.

Page 71, line 16, change "radius" to --radial--; and

line 19, change "13m, 13m" to --146m, 146m--.

Page 72, line 12, change "radius" to --radial--; and

line 22, change "2" to --142--.

Page 73, line 3, change "2" to --142--.

Page 76, line 9, delete "cord is drawn"; and

line 10, change "out" to --wire runs--.

Page 79, line 23, change "radius" to --radial--.

Page 81, lines 18, 19, 21 and 22 change "to" to --in--; and

line 22, change "to" to --on--.

Page 82, lines 14, 21, 23 and 26, change "radius" to --radial--; and

line 16, change "to" to --on--.

Page 83, line 9, change "Radius" to --Radial--; and

line 16, change "radius" to --radial--.

Page 84, line 9, change "32(a)" to --32A--;

line 10, change "1" to --301--;

line 14, change "to" to --on-- and after "surface" insert --side--;

line 16, change "on" to --onto--;

line 17, change "incident" to --receive--;

line 18, change "to" to --on--;

line 19, after "surface" insert --side--; and

line 20, change "to" to --on-- and after "surface" insert --side--.

Page 85, line 4, change "incident" to --fall--; and

line 7, change "flushing" to --flowing--.

Page 86, line 2, change "incidents" to --falls--;

line 18, change "33(a)" to --33A--;

line 23, change the first occurrence of "a" to --an--; and

line 25, change the second occurrence of "a" to --an--.

Page 87, line 11, change "212" to --512--;

line 13, change "33(b)" to --33B--; and

line 17, change "incidents" to --falls-- and "incidented" to --received--.

Page 88, line 23, change "are" to --is--.

Page 89, line 3, change "33(a)" to --33A--; and

line 16, change "34(a)" to --34A--.

Page 90, line 2, change "34(b)" to --34B--;

line 6, change "bands" to --band--;

line 7, after "as" insert --between--;

line 10, change "34(c)" to --34C--; and

line 18, change "incidented" to --received--.

Page 91, line 13, change "34(d)" to --34D--; change "to" to --on-- and after "surface" insert --side--.

line 21, change "34(e)" to --34E--.

Page 92, line 18, change "a" to --an--.

Page 93, line 2, change the second occurrence of "714" to --715--;

lines 8 and 15, change "713" to --703--; and

line 26, after "790" insert --(FIG. 36)--.

Page 94, line 10, change "to" to --for--;

line 13, change "where" to --of--; and

line 26, change "to" to --on--.

Page 95, line 3, change "to" to --on--; and

line 18, change "incidenting" to --falling--.

Page 97, line 1, change "incidents" to --falls--; and

line 20, change "34(a)" to --34A--.

Page 100, lines 19 and 22, change "is incidented" to --falls--.

Page 102, line 3, delete "one";

line 16, change "of" to --with--;

line 18, change "to" to --on--;

line 19, after "surface" insert --side--;

line 20, change "surfaces" to --surface sides--;

line 22, change "to" to --on-- and change "surfaces" to --surface sides--.

Page 103, line 12, delete "the"; and

line 17, change "incident" to --fall--.

Page 104, line 8, change "FIG. 39" to --FIG.s 39A and 39B--; and change "3" to --303--;

line 9, change "of" to --with--;

line 11, change "to" to --on--;

line 12, change "surfaces" to --surface sides--;

line 13, after "surface" insert --side--; and

line 14, change "to" to --on-- and after "surface" insert --side--.

Page 105, line 6, change "of" to --with--;

line 13, after "are" insert --alternately-- and delete "in complementation"; and

line 24, after "separating" insert --the result--.

Page 106, line 3, change "39(a)" to --39A--;

line 5, delete "not";

line 6, after "on" insert --(FIG. 39B)--;

line 10, change "dispersed" to --reflected--; and

line 12, change "reflected" to --dispersed--.

Page 107, line 18, change "complementarily" to --alternately--.

Page 110, line 13, change "33" to --33A--;

line 16, change "to" to --on--.

Page 111, line 4, change "41" to --41A--;

line 5, change "4" to --304--;

line 10, change "to" to --on-- and delete "this"; and

lines 16, 18, 22 and 25 change "to" to --on--.

Page 112, line 1, change "Sensor" to --As shown in Fig. 41B, sensor-- and after "from" insert --external--; and